SYSTEM AND METHOD FOR IDENTIFYING A FOOD EVENT, TRACKING THE FOOD PRODUCT, AND ASSESSING RISKS AND COSTS ASSOCIATED WITH INTERVENTION

ABSTRACT OF THE DISCLOSURE

5   The food safety system and method of the present invention provides a comprehensive consumer risk distribution model, which can be applied to any food item. Additionally, the present invention automatically evaluates consumer risk based on how much contaminated food is at each stage of the food distribution process according to the consumer risk distribution

10   model, allowing for quick and accurate determinations as to the efficacy of a trace recall effort. A further element of the present invention provides expert analysis of data to detect and identify food events from sporadic information. Finally, the real time detection system provides early warning data in order to intercept isolated food contamination events before the contaminated food

15   products reach the consuming public.